



Terminals & Splices > PCB Terminals



PCB Terminal Type: **Tab**

PCB Thickness (Recommended): **1.57 mm [ .062 in ]**

Mating Tab Width: **4.75 mm [ .187 in ]**

Mating Tab Thickness: **.8 mm [ .031 in ]**

PCB Hole Diameter: **1.4 mm [ .055 in ]**

Features

Configuration Features

|                     |        |
|---------------------|--------|
| Connection Capacity | Single |
|---------------------|--------|

Contact Features

|                                                         |                                   |
|---------------------------------------------------------|-----------------------------------|
| PCB Contact Termination Area Plating Material Thickness | 3.81 μm[150 μin]                  |
| Contact Underplating Material Thickness                 | 1.27 μm, 2.54 μm[50 μin][100 μin] |
| Contact Mating Area Plating Material Thickness          | 3.81 μm[150 μin]                  |
| PCB Terminal Type                                       | Tab                               |
| Mating Tab Width                                        | 4.75 mm[.187 in]                  |
| Mating Tab Thickness                                    | .8 mm[.031 in]                    |
| Terminal Plating Material                               | Tin                               |
| Contact Underplating Material                           | Copper, Nickel                    |
| Terminal Size                                           | 4.75                              |
| Terminal Orientation                                    | Straight                          |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|



|                         |                       |
|-------------------------|-----------------------|
| Product Terminates To   | Printed Circuit Board |
| Mechanical Attachment   |                       |
| Wire Insulation Support | Without               |

|                             |                  |
|-----------------------------|------------------|
| Dimensions                  |                  |
| Extension Below Board       | 3.81 mm[.15 in]  |
| Terminal Material Thickness | .8 mm[.031 in]   |
| PCB Thickness (Recommended) | 1.57 mm[.062 in] |
| PCB Hole Diameter           | 1.4 mm[.055 in]  |
| Profile Height from PCB     | 8.64 mm[.344 in] |

|                             |                            |
|-----------------------------|----------------------------|
| Usage Conditions            |                            |
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -30 – 110 °C[-22 – 230 °F] |

|                    |       |
|--------------------|-------|
| Packaging Features |       |
| Packaging Quantity | 10000 |
| Packaging Method   | Reel  |

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                       |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                       |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                             |
| Solder Process Capability                     | Wave solder capable to 265°C                                                                                                    |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part



numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

|                                                         |                                                    |                                                    |                                                    |
|---------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| <br>TE Part # 1217332-1<br>187 FASTON,PCB TAB,TCBR      | <br>TE Part # 63951-1<br>250 FASTON TAB TPBR       | <br>TE Part # 62221-1<br>187 FASTON TAB TPBR       | <br>TE Part # 1217124-1<br>187 FASTON,PCB TAB,TNBR |
| <br>TE Part # 1217061-1<br>187 FASTON,FLAG,TAB,TNBR     | <br>TE Part # 63949-1<br>250 FASTON TAB TPBR       | <br>TE Part # 63950-1<br>250 FASTON TAB TPBR       | <br>TE Part # 63951-4<br>250 FASTON TAB TPBR       |
| <br>TE Part # 1217062-1<br>187 FASTON,FLAG,PCB TAB,TNBR | <br>TE Part # 63952-1<br>250 FASTON TAB TPBR       | <br>TE Part # 63860-2<br>187 FASTON TAB TPBR       | <br>TE Part # 63951-8<br>250 FASTON TAB TPBR       |
| <br>TE Part # 63824-5<br>250 FASTON TAB TPBR            | <br>TE Part # 1217124-3<br>187 FASTON,PCB TAB,TNBR | <br>TE Part # 1217136-3<br>250 FASTON,PCB TAB,TNBR | <br>TE Part # 63950-6<br>FASTON 250 PCB TAB BR     |

Also in the Series | FASTON 187



Crimp Terminal Housings(41)



Insertion & Extraction Tools(1)



Joints & Splices(1)



PCB Terminals(42)

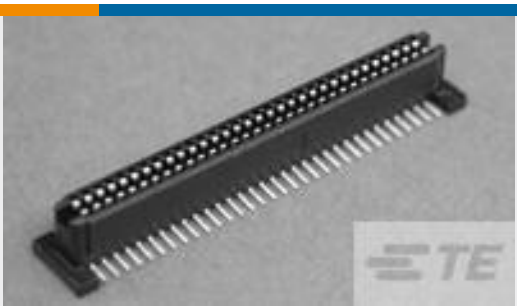


Quick Disconnects(208)



Splices(1)

Customers Also Bought



TE Part #5146893-1  
1FHR,64,30A/S,S,C,S08,09,10



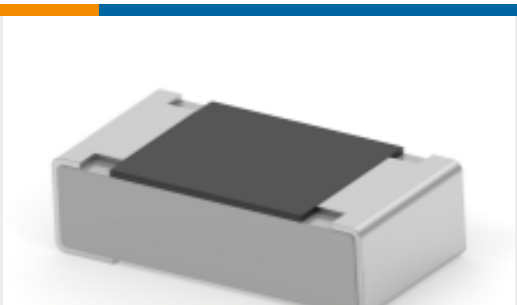
TE Part #2176231-9  
3522 22R 1% 3W



TE Part #2-322994-1  
TERMINAL,PG SPD 16-14 6



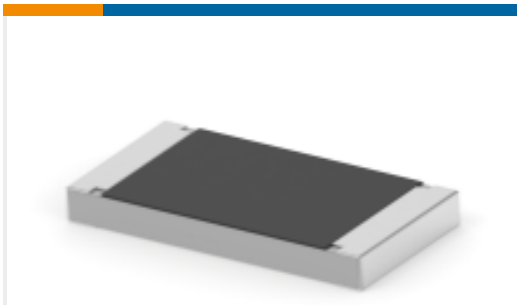
TE Part #3-1879212-7  
CPF 0402 49K9 0.1% 25PPM 5K RL



TE Part #2-2176340-2  
CRGCQ 0603 3K3 5%



TE Part #2176347-9  
CRGCQ 2010 47R 1%



TE Part #2176348-3  
CRGCQ 2010 2R2 5%



TE Part #3-1879354-9  
RR03 5% 12R AMMO



TE Part #1SNG626138R0000  
EP-SGL-NPT1-BL-A



TE Part #1-1393277-9  
V23076A3022D142

Documents



Product Drawings

187 FASTON TAB TPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_63860-1\_R\_c-63860-1-r.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_63860-1\_R\_c-63860-1-r.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_63860-1\_R\_c-63860-1-r.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

FASTON PCB Tabs and Receptacles

English

PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

Product Specifications

Application Specification

English

Application Specification

English

Agency Approvals

CSA Certificate

English

CSA Certificate

English